Gigabit PCI Adapter

User's Manual

Model # ALN-318C

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1. Introduction

Gigabit PCI Adapter Installation CD is an All-In-One installation utility for Gigabit PCI Adapter. It automatically detects and installs recently installed Gigabit PCI Adapter hardware under Windows 98SE, ME, 2000, and XP. This utility includes Install Driver and User Manual two sections. Click Install Driver to start Gigabit PCI Adapter driver installation process. User Manual includes specification and hardware/software driver installation instructions for Gigabit PCI adapter.

1.1 System Requirements

- Pentium compatible processor 200 MHz and above
- 32 MB system memory or more
- 30 MB free space on your hard drive
- CD-ROM drive
- One available PCI slot
- Microsoft Windows NT4.0, Windows 98/98SE, Windows ME, Windows 2000, Windows XP, DOS, Linux, and Netware x.

1.2 Package Contents

- One Gigabit PCI Adapter
- Gigabit PCI Adapter Installation CD disk

If any of above items is missing or damaged, please contact your local dealer immediately.

2. Hardware Installation Instructions

1) Turn off computer and remove its cover.

2) Insert the contact edge of the adapter card into the connector of any available PCI Bus master expansion slot. Press the card firmly into the connector to PCI slot. Please make sure the card's contacts are fully seated in the PCI slot.

3) Install the bracket screw that secures the card to the Computer chassis.

4) Replace the computer's cover.

5) Connect the Gigabit NIC card to the network with Ethernet Cable.

6) Turn on the computer.

3. Software Driver Installation

3.1 Gigabit PCI Adapter Software Driver Installation Procedures

Insert Gigabit PCI Adapter Installation CD into CD-ROM drive then window below will appear.

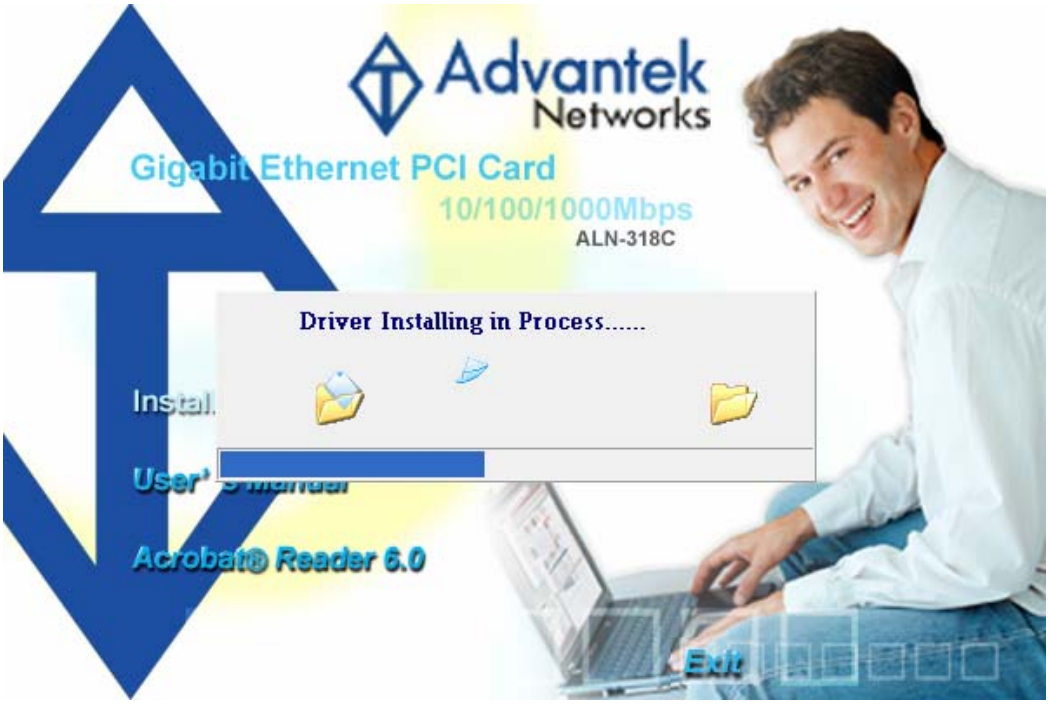
Install Driver: Click Install Driver to start Gigabit PCI Adapter installation process.

User Manual: Click User Manual to open Gigabit PCI Adapter User Manual

Acrobat® Reader 6.0: Adobe Reader 6.0 software to support PDF format file.

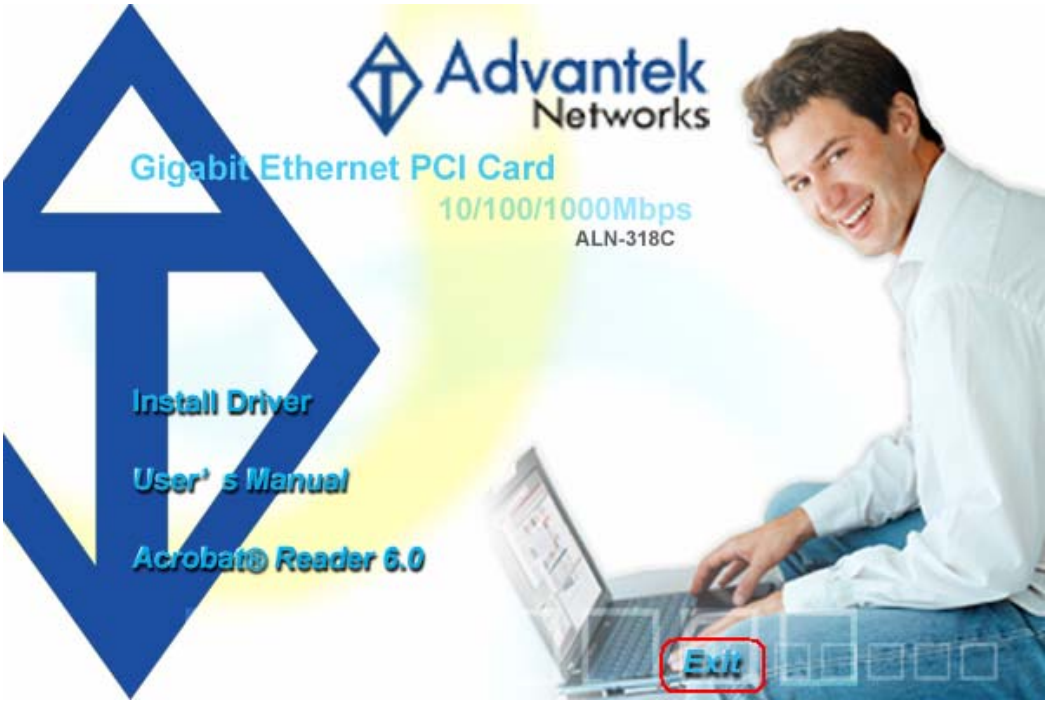
3.1.1 For Windows ME, 2000 and XP

1) Once click **Install Driver** to start the Gigabit PCI Adapter installation, window below will appear



2) After Gigabit PCI Adapter Installation Utility finishes installing corresponding Gigabit PCI Adapter device driver, window below will appear. Click **OK** to complete the installation process.

3) Click **Exit** to close Gigabit PCI Adapter Installation Utility.



4) To check if Gigabit PCI Adapter is properly installed:

For Windows XP

(a) Right-click "**My Computer**" on the Desktop

(b) Choose "**Properties**"

(c) Choose "**Hardware**" tab

(d) Click "**Device Manager…**"

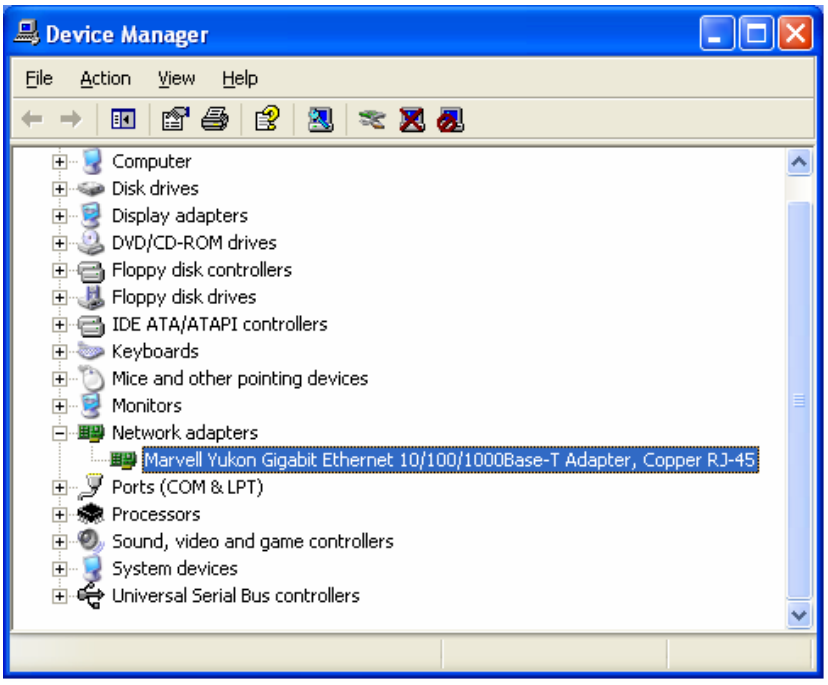


Figure 1 - Marvell Gigabit PCI Adapter

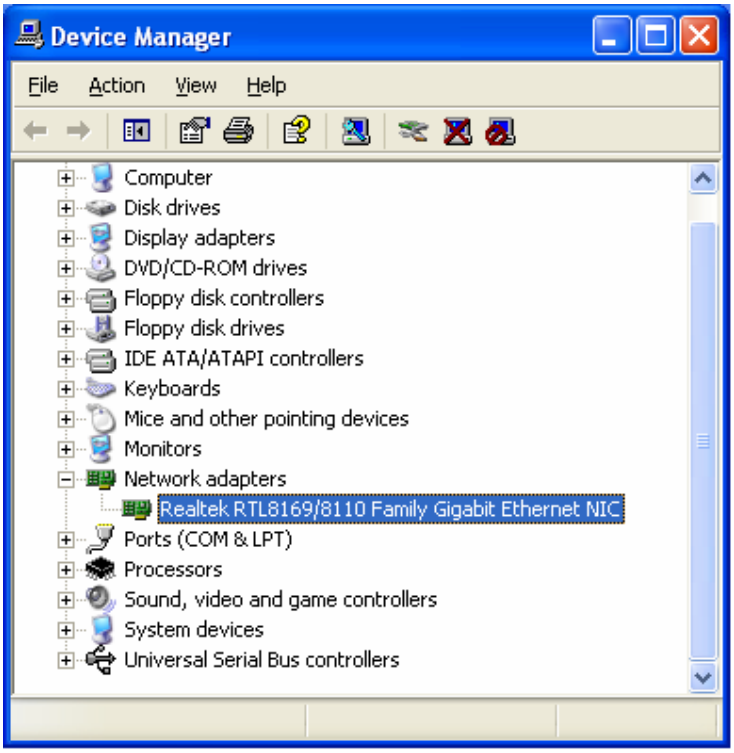


Figure 2 - Realtek Gigabit PCI Adapter

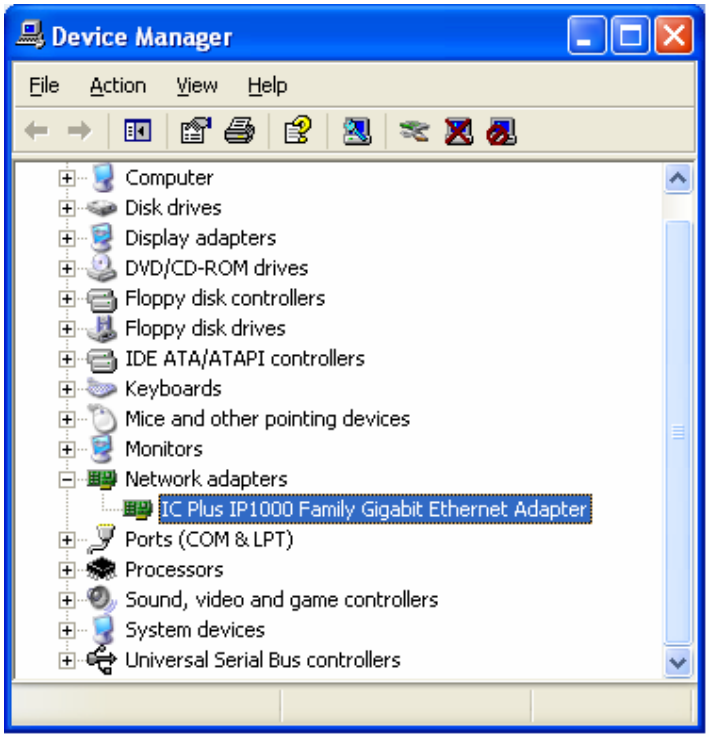
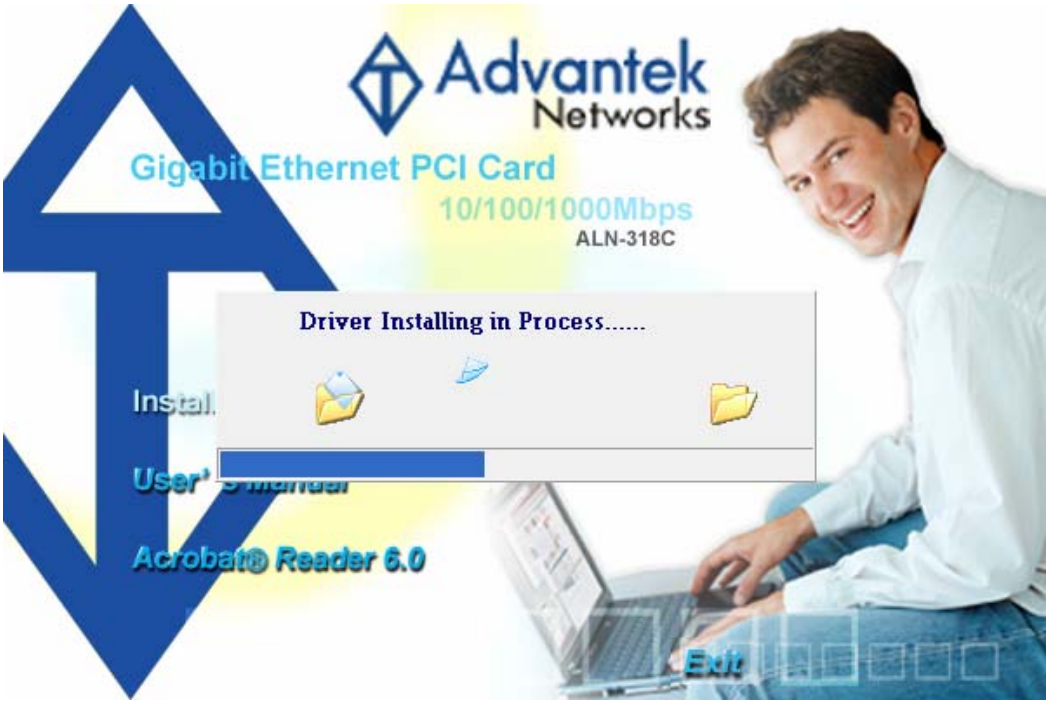


Figure 3 – IC Plus Gigabit PCI Adapter

3.1.2 For Windows 98SE

1) Once click **Install Driver** to start the Gigabit PCI Adapter installation, window below will appear:



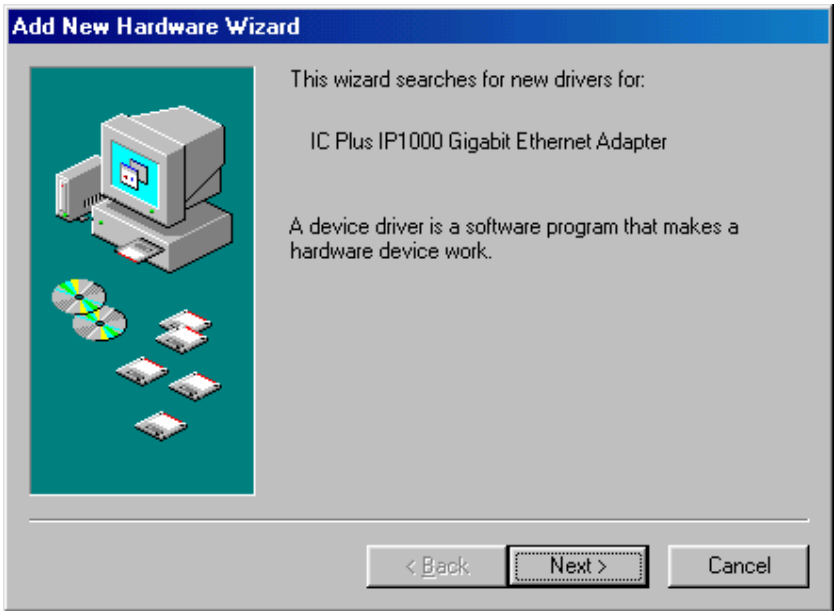
2) After Gigabit PCI Adapter Installation Utility finishes copying Gigabit PCI Adapter device driver, window below will appear then click **OK** to reboot your system.

3) For **<Marvell>** & **<Realtek>** Gigabit PCI Adapters:

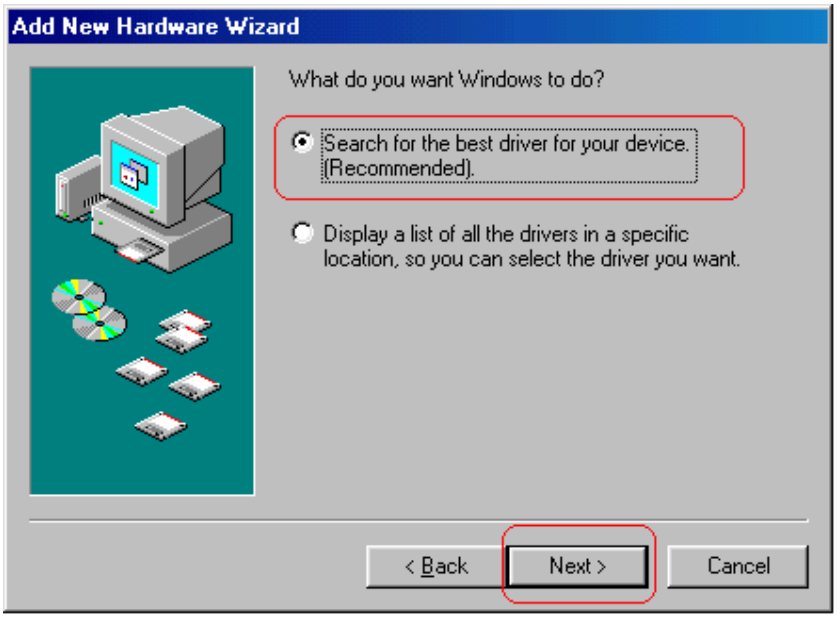
→ After system boots up, the device driver will be installed completely.

For **<IC Plus >** Gigabit PCI Adapters:

(a) After system boots up, operating system will detect the recently installed Gigabit PCI adapter, window below will appear then click **Next** to continue.


Add New Hardware Wizard
This wizard searches for new drivers for:
IC Plus IP1000 Gigabit Ethernet Adapter
A device driver is a software program that makes a hardware device work.
< Back
Next >
Cancel

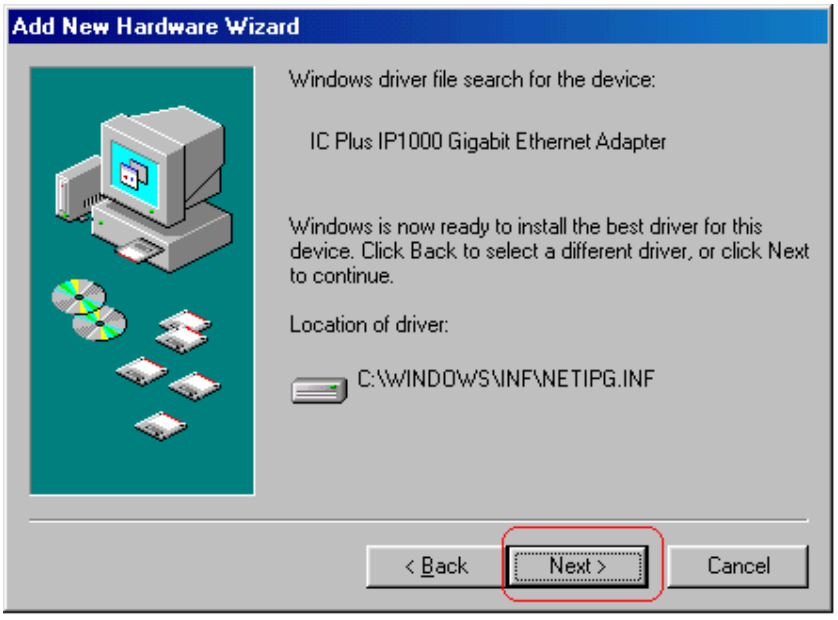
(b) Click **Next** to continue,


Add New Hardware Wizard
What do you want Windows to do?
Search for the best driver for your device. (Recommended).
Display a list of all the drivers in a specific location, so you can select the driver you want.
< Back
Next >
Cancel

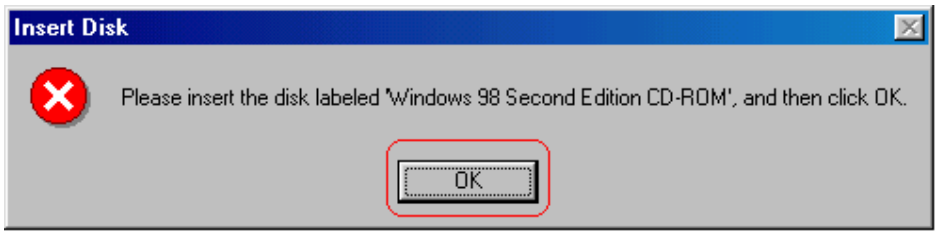
(c) Select **Specify a location** (utility automatically gives driver location, so you don't have to enter the driver location path) then click **Next** to continue,

Add New Hardware Wizard
Windows will search for new drivers in its driver database on your hard drive, and in any of the following selected locations. Click Next to start the search.
Floppy disk drives
CD-ROM drive
Microsoft Windows Update
Specify a location:
C:\preinstal
Browse...
< Back
Next >
Cancel

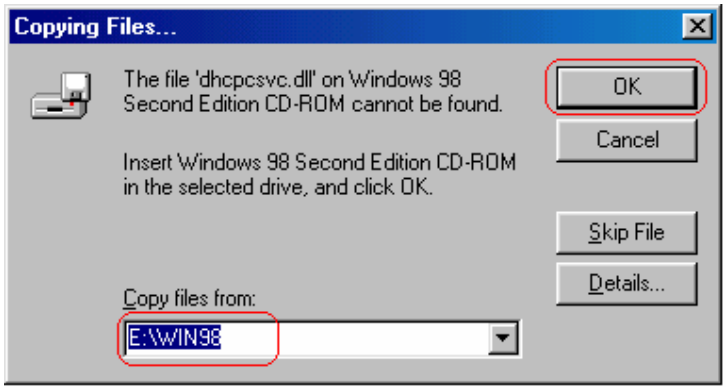
(d) Click **Next** to continue,


Add New Hardware Wizard
Windows driver file search for the device:
IC Plus IP1000 Gigabit Ethernet Adapter
Windows is now ready to install the best driver for this device. Click Back to select a different driver, or click Next to continue.
Location of driver:
C:\WINDOWS\INF\NETIPG.INF
< Back
Next >
Cancel

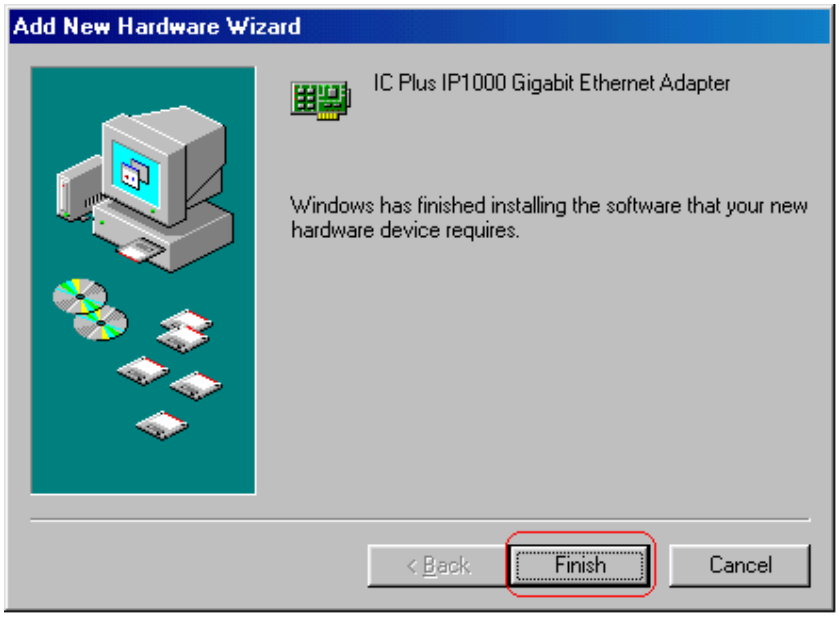
(e) For Windows 98SE, system will ask you to insert Windows 98SE installation CD, Please insert the CD and click **"OK"**,



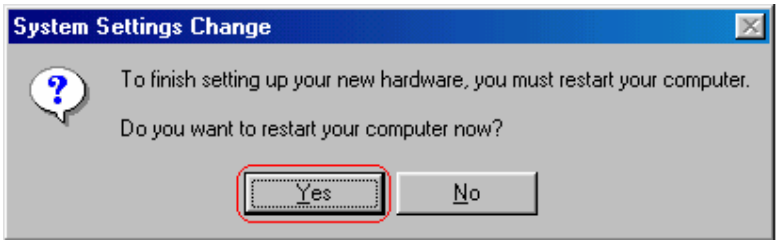
(f) Enter correct file path and click **"OK"**,


Copying Files...
The file 'dhcpcsvc.dll' on Windows 98 Second Edition CD-ROM cannot be found.
Insert Windows 98 Second Edition CD-ROM in the selected drive, and click OK.
Copy files from:
E:\WIN98
OK
Cancel
Skip File
Details...

(g) After operating system finishes installing the Gigabit PCI Adapter driver, click **Finish** to complete the device driver installation,


Add New Hardware Wizard
IC Plus IP1000 Gigabit Ethernet Adapter
Windows has finished installing the software that your new hardware device requires.
< Back
Finish
Cancel

(h) To finish setting up your new device driver installation, operating system will show message and ask to restart your computer. Click **"Yes"** to complete the System Settings Change.

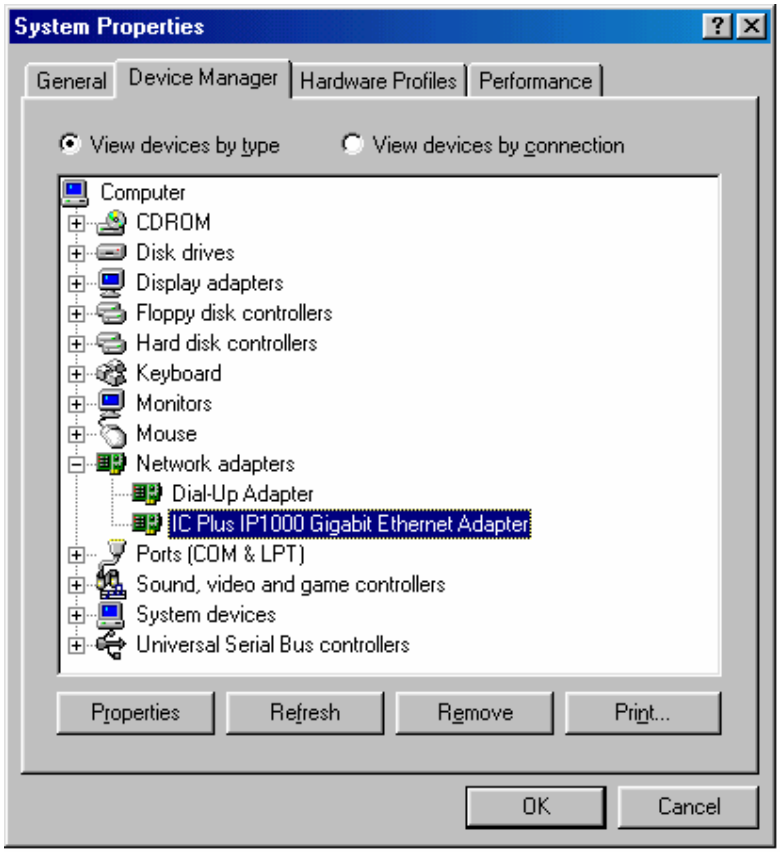

System Settings Change
To finish setting up your new hardware, you must restart your computer.
Do you want to restart your computer now?
Yes
No

(i) To check if Gigabit PCI Adapter is properly installed:

i. Right-click "**My Computer**" on the Desktop

ii. Choose "**Properties**"

iii. Click "**Device Manager…**"



3.1.3 For Windows 98 First Edition < For IC PLUS/Realtek>

When system boots up first time with new Gigabit PCI adapter presents, Windows operation system will detect new hardware and ask for hardware driver.

Put Gigabit PCI Adapter driver install CD from product package into CD-ROM drive and go to device driver CD Location, and then find your new Gigabit PCI Adapter device driver.

Example:

For **IC Plus** → E:\DRIVER\IC PLUS\WIN98_1ST

For **Realtek** → E:\DRIVER\REALTEK\WIN98_1ST

Follow the instruction windows to complete the installation.

3.1.4 For Windows NT4.0

1) Login to NT4.0 after install new Gigabit PCI Adapter.
2) Put Gigabit PCI Adapter installation CD from product package into CD-ROM drive and go to device driver CD location, and then find your new Gigabit PCI Adapter device driver.

   Example:

   For **IC Plus** → E:\DRIVER\IC PLUS\NT4.0

   For **Marvell** → E:\DRIVER\MARVELL\NT4.0

   For **Realtek**→ E:\DRIVER\REALTEK\NT4.0
3) Follow the installation instructions in Readme.txt to complete the installation.

3.1.5 For DOS <Marvell ONLY>

1) Go to DOS after insert Marvell Gigabit PCI Adapter.
2) Put Gigabit PCI Adapter installation CD from product package into CD-ROM drive and go to device driver CD location, and then find Marvell Gigabit PCI Adapter device driver:

   Example: E:\DRIVER\MARVELL\DOS
3) Follow the installation instructions in "**yukodi.txt**" to complete the installation.

3.1.6 For Linux

1) Login to Linux after install new Gigabit PCI Adapter.
2) Put Gigabit PCI Adapter installation CD from product package into CD-ROM drive and go to device driver CD location, and then find your new Gigabit PCI Adapter.

   Example:

   For **IC Plus** → E:\DRIVER\IC PLUS\Linux_Kernel 2.6.X_2.4.X

   For **Marvell** → E:\DRIVER\MARVELL\ LINUX

   For **Realtek**→ E:\DRIVER\REALTEK\LINUX \linux2.4.x-8169s(160)0915NT4.0
3) Follow the installation instructions in Readme.txt to complete the installation.

PS: **Marvell** Linux driver must with **Kernel 2.4.x version**. Please un-zip the "**install-614.tar.bz2**" ,and then read the ReadMe file which includes in this file and follow the instructions.

3.1.7 For Netware x <For Marvell ONLY>

1) Login to Netware x after install Marvell Gigabit PCI Adapter.
2) Put Gigabit PCI Adapter installation CD from product package into CD-ROM drive and go to device driver CD location, and then find Marvell Gigabit PCI Adapter device driver.

   Example: E:\DRIVER\MARVELL\MARVELL SERVER\yukonnw_x_vxxxx

3) Follow the installation instruction in "**yukonnw.txt**" to complete the installation.

3.2 If you have trouble to install Gigabit PCI Adapter on your system, please contact us.

Before contacting us, make sure collect following information. With complete information of your problem, we will provide you accurate answers.

Model Name:

Serial Number:

PC Settings:

Other: